

MEMOIRS OF NATIONAL INSTITUTE OF POLAR RESEARCH  
SPECIAL ISSUE No. 59

---

# ENVIRONMENTAL RESEARCH IN THE ARCTIC 2005

*Edited by*  
*Takehiko Aso and Hajime Ito*

PUBLISHED BY NATIONAL INSTITUTE OF POLAR RESEARCH

---

TOKYO

MARCH 2006

Memoirs of National Institute of Polar Research  
Special Issue, No. 59

**ENVIRONMENTAL RESEARCH IN THE ARCTIC 2005**

**Acknowledgments**

The editorial board wishes to thank the forty referees for their sincere, sometime strict but always heartfelt and constructive work.

**Editorial board of this volume**

Editor-in-chief:	Takehiko Aso ( <i>NIPR, ROIS</i> )
Executive editor:	Hajime Ito ( <i>NIPR, ROIS</i> )
Editors:	Shuji Aoki ( <i>Tohoku University</i> )
	Yoshiyuki Fujii ( <i>NIPR, ROIS</i> )
	Mitsuo Fukuchi ( <i>NIPR, ROIS</i> )
	Kumiko Goto-Azuma ( <i>NIPR, ROIS</i> )
	Hiroshi Hattori ( <i>Hokkaido Tokai University</i> )
	Takao Kameda ( <i>Kitami Institute of Technology</i> )
	Hiroshi Kanda ( <i>NIPR, ROIS</i> )
	Tadahiko Ogawa ( <i>Nagoya University</i> )
	Makoto Wada ( <i>NIPR, ROIS</i> )

Copyright 2006 by National Institute of Polar Research,  
Research Organization of Information and Systems  
9-10, Kaga 1-chome, Itabashi-ku, Tokyo 173-8515

Printed by Soubun Printing Co., Ltd.